

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Akram et al.

Serial No.: 10/648,163

Filed: August 26, 2003

For: METHOD FOR FABRICATING AN
INTERPOSER

Examiner: Unknown

Group Art Unit: 3729

Attorney Docket No.: 2269-3930.3US
(99-0051.03/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 11, 2003
Date

Rachael M. Harris
Signature

Rachael M. Harris
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 6,251,488	06/26/01	Miller et al.
US - 6,259,962	07/10/01	Gothait
US - 6,268,584	07/31/01	Keicher et al.
US - 6,391,251	05/21/02	Keicher et al.
US - 6,468,891	10/22/02	Williams
US - 6,524,346	02/25/03	Farnworth
US - 6,500,746	12/31/02	Williams
US - 6,531,335	03/11/03	Grigg
US - 6,537,842	03/25/03	Akram
US - 6,611,053	08/26/03	Akram
US - 6,630,730	10/07/03	Grigg
US - 6,632,732	10/14/03	Williams

Other Documents

U.S. Patent Application Publication No. 2002/0102829 A1 to Williams, dated August 1, 2002

U.S. Patent Application Publication No. 2002/0111003 A1 to Williams, dated August 15, 2002

U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002

U.S. Patent Application Publication No. 2003/0045047 A1 to Williams, dated March 6, 2003

U.S. Patent Application Publication No. 2003/0068840 A1 to Grigg, dated April 10, 2003

U.S. Patent Application Publication No. 2003/0098470 A1 to Williams, dated May 29, 2003

U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003

U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003

U.S. Patent Application Publication No. 2003/0180974 A1 to Akram, dated September 25, 2003

U.S. Patent Application Publication No. 2003/0181003 A1 to Akram, dated September 25, 2003

U.S. Patent Application Publication No. 2003/0186496 A1 to Akram, dated October 2, 2003

MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22

MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16

Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page

Webpage, Objet Prototyping the Future, How it Works, 2 pages

U.S. Application No. 09/511,986, filed February 24, 2000, "Stereolithographically Fabricated Conductive Elements, Semiconductor Device Components and Assemblies Including Such Conductive Elements, and Methods", inventor Vernon M. Williams

U.S. Application No. 10/619,963, filed July 15, 2003, "Stereolithographic Methods for Securing Conductive Elements to Contacts of Semiconductor Device Components", inventor Vernon M. Williams


U.S. Application No. 10/641,471, filed August 14, 2003, "Protective Structures for Bond Wires", inventor Salman Akram

Serial No. 10/648,163

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,

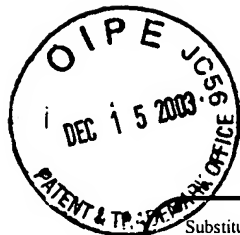


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Date: December 11, 2003
TLW/rmh

Enclosures: Form PTO-1449 or PTO/SB/08
Copy of documents cited

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/648,163
Filing Date	August 26, 2003
First Named Inventor	Akram et al.
Group Art Unit	3729
Examiner Name	Unknown
Attorney Docket Number	3930.3US (99-0051.03/US)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 6,251,488	06/26/01	Miller et al.	
		US- 6,259,962	07/10/01	Gothait	
		US- 6,268,584	07/31/01	Keicher et al.	
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FOREIGN PATENT DOCUMENTS

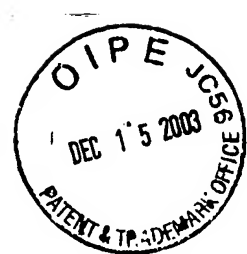
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> Sheet <u>2</u> of <u>3</u>		Complete if Known	
		Application Number	10/648,163
		Filing Date	August 26, 2003
		First Named Inventor	Akram et al.
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		Examiner Name	Unknown
		Attorney Docket Number	3930 3UIS (99-0051 03/UIS)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Patent Application Publication No. 2002/0102829 A1 to Williams, dated August 1, 2002	
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		U.S. Patent Application Publication No. 2003/0181003 A1 to Akram, dated September 25, 2003	
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Sheet 3 of 3	Attorney Docket Number	3930 31US (99-0051 03/US)	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page	
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